Remote control

All of the daily operations described on pages 6-7 can be carried out from your easy chair, using the Beolink 5000 remote control terminal.

Use the following buttons on your Beolink 5000:		*The corresponding controls on your Beocenter 9500 look like this:*
RADIO	Turns on the radio station you were last listening to	Radio
A.TAPE	Turns on the cassette deck	Tape 1
CD	Turns on the compact disc player	CD
PHONO	Turns on the Beogram 9500	Phono
SHIFT *then* A.TAPE	Turns on any Bang & Olufsen tape recorder with Datalink connected to the TAPE 2 socket	Tape 2
SHIFT *then* RADIO	Selects the AUX socket as source	Aux
●	Switches the system to stand-by	●
^	Raises the volume	≡
v	Lowers the volume	≡
MUTE	Makes the sound disappear	Mute
0 *through* 9	Direct access to radio presets, or tracks on tapes or compact discs	0 *through* 9

Note: The Beolink 5000 is optional and not a standard component of the system.

Beolink 5000

Beolink 1000

All the primary, daily operations described on the previous page can also be carried out from your easy chair using the Beolink 1000 remote control terminal.

Use the following buttons on your Beolink 1000:		*The corresponding controls on your Beocenter 9500 look like this:*
RADIO	Turns on the radio station you were last listening to	Radio
A.TAPE	Turns on the cassette deck	Tape 1
CD	Turns on the compact disc player	CD
PHONO	Turns on the Beogram 9500	Phono
SHIFT *then* A.TAPE	Turns on any Bang & Olufsen tape recorder with Datalink connected to the TAPE 2 socket	Tape 2
SHIFT *then* RADIO	Selects the AUX socket as source	Aux
●	Switches the system to stand-by	●
^	Raises the volume	≡
v	Lowers the volume	≡
MUTE	Makes the sound disappear	Mute
0 *through* 9	Direct access to radio presets, or tracks on tapes or compact discs	0 *through* 9

Adjusting levels

You can adjust the bass and treble values, and alter the balance between your left and right speakers, to suit your personal taste.

The Sound control on the Operation Panel gives access to all sound adjustments.

When you press the green sound arrows, you can follow the changes on the matching sound indicator (see the upper Display Panel).

A tiny red light indicates the centre point for bass, balance and treble. Volume increases from left to right: the maximum volume level is indicated by a full range of 15 striations.

Note: When you press the Sound control, make sure that the particular sound value you wish to adjust is cued on the upper Display Panel, before you press the sound arrows.

BEOLINK 5000

For bass adjustment:	1 x	SOUND
		then
*More bass		▲
		or
*Less bass		▼
For balance adjustment:	2 x	SOUND
		then
*More sound left		«
		or
*More sound right		»
For treble adjustment:	3 x	SOUND
		then
*More treble		▲
		or
*Less treble		▼

*cf. page 42

Bass adjustment

1 x Sound — Gives access to bass

More bass
Less bass

Treble adjustment

3 x Sound — Gives access to treble

More treble
Less treble

Balance adjustment

2 x Sound — Gives access to balance

More sound in left speaker
More sound in right speaker

BEOLINK 5000

For loudness function: 4 x SOUND then
*Cut in ▲
or
*Cut out ▼

To preset start-up levels:

Adjust volume, bass, balance and treble as desired
then SOUND
then
2 x STORE

*Cf. page 42

Loudness function

The loudness function is used to compensate for the human ear's lack of sensitivity to high and low frequencies when listening to low volume levels. It "boosts" the low and high frequencies so that the music becomes more dynamic.

4 x **Sound** — Gives access to the loudness function

*The **Loudn** cue will flash on the upper Display Panel*

☰ — Cuts in the loudness function

*Now the **Loudn** cue glows constantly*

*To cut out the loudness function, press ☰ instead of ☰. The **Loudn** cue will revert to flashing intermittently, indicating that the loudness function is cut out.*

Presetting start-up levels

Whenever the Beosystem 9500 is switched on, the source selected will start playing at a preset sound level.

You can adjust and preset this start-up level to suit your personal taste.

Before you start the preset operation, be sure your volume, bass, balance and treble are adjusted as desired.

Programming — Starts preset operation

Sound — Gives access to Store command

Store — Presets sound levels as desired

Note: Volume can be adjusted while the Beosystem is in stand-by mode. This is useful if for instance you want to switch on at a level lower than the one preset for start-up.

Just press Sound and then lower or raise the level using ☰ or ☰. Then switch on as usual.

The Beosystem will not start playing at a volume level exceeding 8 on the full range of 15 striations on the display. If you have preset a start- up level higher than that, it will disregard your instructions.

Tuning on to stations

Automatic search

Tuning by automatic search means that the radio searches through the frequencies and stops automatically at the first station producing an acceptable signal.

Radio	Turns on to the radio station you were last listening to
Search	Gives access to the search operation
AM-FM	*> If you want to switch from AM to FM or vice versa*
«	Moves towards a lower frequency
»	Moves towards a higher frequency
	Press « or » again if this is not the station you want

BEOLINK 5000

For automatic search: RADIO then GO TO

*> *If you want to switch from AM to FM or vice versa* GO TO then TURN

Lower frequencies then ▼

Higher frequencies or ▲

The search process will stop automatically at the first station producing an acceptable signal

If this is not the station you want, press again ▼ or ▲

For keying in frequency: RADIO then GO TO

*> *If you want to switch from AM to FM or vice versa* GO TO then TURN

Then key in the frequency of the station you want, using three or four digits as required

> For example 9 3 9

* cf. page 42

Keying in frequency

This function enables you to key in the frequency of a station directly, rather than searching for it on the frequency band.

Radio	Turns on the radio station you were last listening to
Search	Gives access to the keying in operation
AM-FM	*> If you want to switch from AM to FM or vice versa*
Freq	Gives access to number keys
0 - 9	*Key in the frequency of the station you want, using three or four digits as required*

Fine tuning

The fine tuning function enables you to move slowly through the frequencies or to detune a station slightly because of noisy reception.

Use the controls on the Beocenter to fine tune.

Radio	Turns on to the radio station you were last listening to
Search	Gives access to the fine tuning operation
AM-FM	*> If you want to switch from AM to FM or vice versa*
Manual	Gives access to the tuning arrows
«	Moves towards a lower frequency
»	Moves towards a higher frequency

Stereo reception

If you are tuned to an FM station broadcasting a stereo signal, this will be indicated by the cue **Stereo** on the Display Panel.

The system will automatically switch to mono if the stereo signals are not strong enough to produce an acceptable sound.

However, you can, if you wish, overrule this automatic function and select mono or stereo manually.

Programming	Gives access to the overrule operation
Mono	Overrules the automatic selection of mono or stereo

BEOLINK 5000

*For stereo or mono reception:	TURN
To preset radio stations:	
Tune on to a station, then press	STORE
Key in the number on which you want to preset the current station, > *for example*	3
Press STORE again	STORE

*cf. page 42

Loading a compact disc

Press Load CD to gain access to the disc compartment. The panel slides open and you will see the disc tray with the laser unit.

Place the compact disc on the tray with the label facing upwards.

Press Load CD again to close the panel.

If you start playing, the panel closes automatically.

Starting and stopping playing

CD	Starts playing the compact disc
Stop	Stops playing

The compact disc pauses until you press CD again to resume playing.

You can also stop playing by switching directly to stand-by mode.

Playing begins at track 1 as soon as all information in the compact disc has been registered.

If you press CD and there is no disc in the compartment, the panel opens automatically within a few seconds, reminding you to load a compact disc.

BEOLINK 5000

To start playing the compact disc	CD
To stop playing	STOP
To resume playing	PLAY
To find a specific track just press the number of your choice, > *for example:*	5
To find a specific index press track number then GO TO then index number > *for example*	2 *then* GO TO *then* 2
To step through tracks	▲ *or* ▼
To step through indexes	GO TO *then* ▲ *or* ▼

Finding specific tracks or indexes

If you want to find a specific track on the compact disc, just press the number of your choice.

If the tracks on your compact disc are divided into indexes, you can go directly to the index number you want. Press the appropriate track number, then **Index**, and then the index number of your choice.

0 - 9	*Key in the track number of your choice*
0 - 9	*Key in track number*
Index	Gives access to index choice
0 - 9	*Key in the index number of your choice*

Searching through a compact disc

The « and » controls enable you to move through a compact disc if you want to find a specific point on the disc.

Keep your finger on « or ». Within approximately 5 seconds the search speed accelerates slightly.

«	Searches towards the beginning
»	Searches towards the end
	Lift your finger to stop searching
CD	Starts playing the compact disc

Stepping through tracks or indexes

You can step forwards or backwards through the tracks and indexes, if any, on a compact disc.

Index « or »	Steps through indexes
Search « or »	Steps through tracks

Programming a sequence of tracks

You can programme the compact disc player to play specific tracks in any sequence you require.

Before you start, make sure you have selected CD as your source.

You can include up to 30 tracks in a sequence. The tracks will be played in the order you have programmed them.

Programming	Starts the operation
Store	Indicates that you want to include a track number
0 - 9	*Key in the track number of your choice*
Clear	Indicates that you want to exclude a track number
0 - 9	*Key in the track number of your choice*
	Repeat to include or exclude other track numbers
CD	Starts playing the programmed sequence

Details worth knowing

- *If you switch temporarily to another source while playing a compact disc and resume playing the compact disc within 30 minutes, it will start at the exact point where you left it.*
- *If you ask for a track number which does not exist, the compact disc player will try to carry out your instruction but within a second go on playing as before.*
- *If you ask for an index number which does not exist, the compact disc player will play the corresponding track number instead.*
- *Whenever you use Programming and then Clear to exclude one or more tracks when you are playing a compact disc, the remaining numbers displayed will be considered a programmed sequence. As soon as the current track ends, the compact disc player will start playing the sequence from the beginning in strict numerical order.*

Cancelling a programmed sequence

If you want to cancel a programmed sequence, press Programming and then keep your finger on **Clear** until all the track numbers light up again.

Opening the panel also cancels a memorized track sequence.

Programming	*Starts the operation*
Clear	*Press until all the track numbers light up again*

Loading a tape

Press Load tape to open the sliding panel and reveal the tape compartment.

Insert the cassette with the tape slots facing you and side 1 (or A) facing upwards.

Press Load tape again if you want to close the panel.

Starting and stopping playback

Tape 1	Starts playing the tape
Stop	Stops playing

The tape pauses until you press Tape 1 again to resume playing.

You can also stop playing by switching directly to stand-by mode.

If you press Tape 1 and there is no cassette in the compartment, the panel will open automatically, reminding you to load a cassette.

BEOLINK 5000

To start playing the tape	A.TAPE
To stop playing To resume playing	STOP PLAY
*To "turn" the cassette to play the other side	TURN
To find a specific track just press the number of your choice, > *for example*	5
To rewind	«
To fast forward	»
To step through tracks	▲ or ▼

*cf. page 42

Press **1** if you want to find the beginning of the tape. The tape will be rewound and playing will start immediately.

1	Finds the beginning of the tape

The tape recorder automatically reverses the tape at the end of the first side and within one second starts playing again. The tape side indicators on the display tell you which side you are on.

If you want to "turn" the cassette to play the other side of the tape, press **Turn.**

Turn	Plays the other side of the tape

Finding specific tracks

If you want to find a specific track, just press the number of your choice.

The tape recorder will then conduct a search, if necessary returning to the beginning of the tape. When it has found the track, it will start playing.

0 - 9	*Key in the track number of your choice for direct access*

The tape recorder will only be able to recognize the tracks on a tape if there is a pause of at least 2.5 seconds between them.

Rewinding and fast forward

Press « or » on the right-hand side of the operation panel to rewind or wind the tape quickly.

Provided you haven't cut out the automatic tape reverse function, rewinding always means rewinding towards the start of Side 1, and winding towards the end of Side 2.

«	Rewinds towards the start of Side 1
»	Winds towards the end of Side 2

Stepping through tracks

You can step through the tracks, backwards or forwards, by pressing **Search** and then « or » the number of times required to step to the track you want.

Note: Pressing « only once takes you to the beginning of the track you are listening to.

Search	Gives access to the stepping function
«	*Press repeatedly to step backwards to the track you want*
»	*Press repeatedly to step forwards to the track you want*

Programming a sequence of tracks

You can programme the Beosystem to play specific tracks on a tape in any sequence you require.

Before you start, make sure you have selected Tape 1 as your source. Press **Stop** if you don't want the tape to be played while you are programming.

You can include up to 30 tracks in a sequence. The tracks will be played in the order you have programmed them.

Programming	Starts the operation
Store	Indicates that you want to include a track number
0 - 9	*Key in the track number of your choice*
Clear	Indicates that you want to exclude a track number
0- 9	*Key in the track number of your choice*
	Repeat to include or exclude other track numbers
Tape 1	Starts playing the programmed sequence

Cancelling a programmed sequence

If you want to cancel a programmed sequence, press Programming and then keep your finger on **Clear** until all the track numbers light up again.

Unloading the cassette, using **Turn** or **Aut rev** also cancels all information about programmed sequences the tape recorder has previously registered.

Programming	Starts the operation
Clear	*Press until all the track numbers light up again*
	Your program is now cancelled

Using the automatic tape reverse function

The Beosystem automatically reverses the tape at the end of the first side and within one second starts playing again. You don't have to turn the cassette manually.

The tape side indicators show which side is playing: **Side 1** is the side facing upwards, **Side 2** is the side facing downwards.

Whenever you load a cassette, the automatic tape reverse function is cut in.

However, you can cancel the automatic tape reverse function so that only the current side will be played.

Programming	Gives access to the Aut rev control
Aut rev	Cuts out the automatic tape reverse function
	Now, only the side you are listening to will play
Aut rev	*Press again to cut the automatic tape reverse back in*

See also "Displayed cues and symbols," page 40.

Using Dolby NR*

Tapes recorded on the Beosystem 9500 contain information about the use of Dolby noise reduction (Auto NR codes).

When playing back the tape, the Beosystem registers this information and automatically selects the correct Dolby mode: Dolby B, Dolby C or no Dolby.

When playing back tapes not supplied with the Auto NR codes, you have to select the appropriate Dolby mode. Press **Programming** and then **NR** repeatedly to switch between the three modes.

Programming	Gives access to the Dolby NR control
NR	*Press repeatedly to switch between Dolby B, Dolby C and no Dolby*

* Trademark of Dolby Laboratories Licensing Corporation. Noise reduction system manufactured under license from Dolby Laboratories Licensing Corporation.

Starting and stopping recording

Recording tapes on the Beosystem 9500 is easy and straightforward. All you have to do is start and stop the process.

The automatic adjustment function built into the Beosystem ensures that your tapes will not be overloaded.

During recording the recording level will be lowered automatically if the incoming signal exceeds a certain upper limit. This limit has been set to suit the majority of tapes available.

While in recording mode the Beosystem displays the recording level, as indicated by the cue **Rec level.**

Start playing the source you want to record from

Record	Switches to recording mode
Record	*Press for the second time to start recording*
Stop	Stops recording A blank of 3.5 seconds is now inserted on the tape *(If you don't want the blanks to be inserted, press* **Stop** *twice in quick succession)*
Record	*Press again to resume recording* *or*
Stop	*press again to stop recording*

BEOLINK 5000

*To select recording mode — A RECORD
then
*To start recording — REC START

*To stop recording — REC STOP

*To return to the start of your latest recording — RETURN

*cf. page 42

You can return to the start of your latest recording, if you want.

Return	*Press to return to the start of your latest recording*
Tape 1	*Press to hear it* *or*
Record	*press to resume recording*

Adjusting the recording level

You can of course override the automatic mode and adjust the recording level at your discretion while in recording pause mode.

During the adjustment process you will see that the level setting is shown on the display, as indicated by the cue **Level**. *Each time you tap ☰ or ☰ the level is lowered or raised by 2dB.*

Within 3 seconds of adjusting the level, the display reverts to showing the recording level, as indicated by the cue **Rec level**.

Programming	Gives access to the Level control
Level ☰	Lowers the recording level
Level ☰	Raises the recording level

Using Dolby NR

Before making a recording you must decide whether you want to use Dolby B, Dolby C or no Dolby at all.

During recording the Beosystem 9500 places a code on the tape (Auto NR code), which ensures that the appropriate Dolby mode will be selected when the tape is played back on the Beosystem 9500.

Record	Press once (you are now in recording pause mode)
Programming	Gives access to the Dolby NR control
NR	Press repeatedly to switch between Dolby B, Dolby C and no Dolby
Record	*Press again to start recording*

Cancelling the automatic tape reverse function for recording

You can cancel the automatic tape reverse function so that the tape recorder will record only on the current side of the tape.

Refer to the tape side indicators on the display and check that the current side is the side you want to record on.

Record	Press once (you are now in recording pause mode)
Programming	Gives access to the Aut rev control
Aut rev	Cancels the automatic tape reverse function
Record	*Press again to start recording*

Details worth knowing

- ***Record** is only available if there is a cassette in the compartment, and only if the current side of the tape can be recorded on (i.e. if you have not removed one or both tabs on the cassette edge to prevent recording on one or both tape sides).*

- *It may be useful for you to insert a blank on the tape immediately before you start a recording.*

*Once you find the end of the last recording, press **Stop** on the right. Now press **Record** twice and then **Stop** on the left. The tape recorder inserts a blank of 3.5 seconds and is now in recording pause mode. You can now switch to the source you want to record from and start recording as usual.*

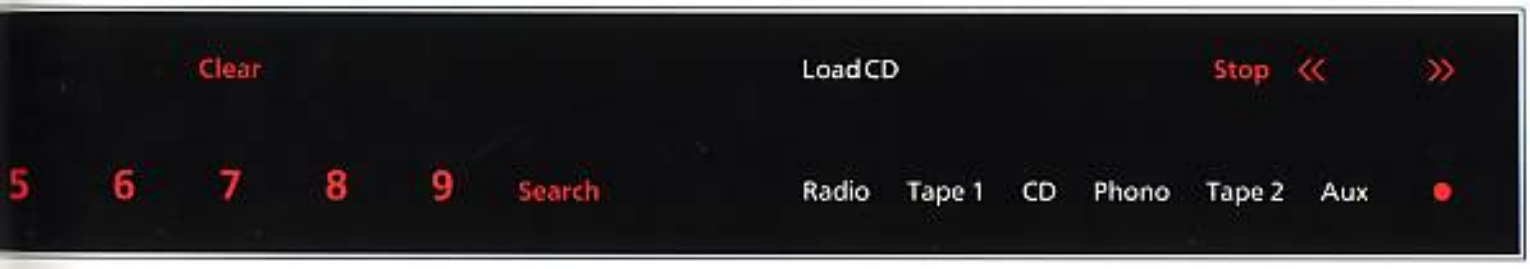
- *Whenever you use Programming and then **Clear** to exclude one or more tracks from a tape, the remaining numbers displayed will be considered a programmed sequence. As soon as the current track ends, the tape recorder will search for the first track in the sequence and start playing the sequence in strict numerical order.*

- *You can override the Auto NR code if for some reason you want to play back a tape using a different Dolby mode to that in which the tape was recorded.*

*Press Programming for access to NR control. Then press **NR** to step to the Dolby mode of your choice, but do not lift your finger until the Dolby of your choice blinks once. The locked Dolby mode is now indicated on the display: **Dolby B, Dolby C** or no display (no Dolby).*

- *Passages of low music, i.e. lower than -20 dB, lasting more than 2.5 seconds will be registered as pauses.*

This means that the track numbers of your recording may not coincide with the track numbers of the source of your recording.



Playing a record

Please ensure that you have placed a record on the turntable, otherwise the record player will ignore your instructions.

At the end of the record the tonearm automatically returns to its resting position.

Note: For records of LP-size but requiring 45 rpm (maxi-singles), the speed must be selected manually. To do so, start playing the record as usual, then press 45 on the Beogram 9500 to change speed.

25-cm records must be started manually: First press ⟵ on the Beogram 9500. Then gently guide the tonearm to the edge of the record and start playing as usual.

Phono	Starts playing the record
Stop	Stops playing

The record pauses until you press Phono again to resume playing.

You can also stop playing by switching directly to stand-by mode.

BEOLINK 5000

To start playing the record	PHONO
To stop playing	STOP
To resume playing	PLAY
To step through the record	▲ or ▼

Load tape

Sound Mute Timer Programming

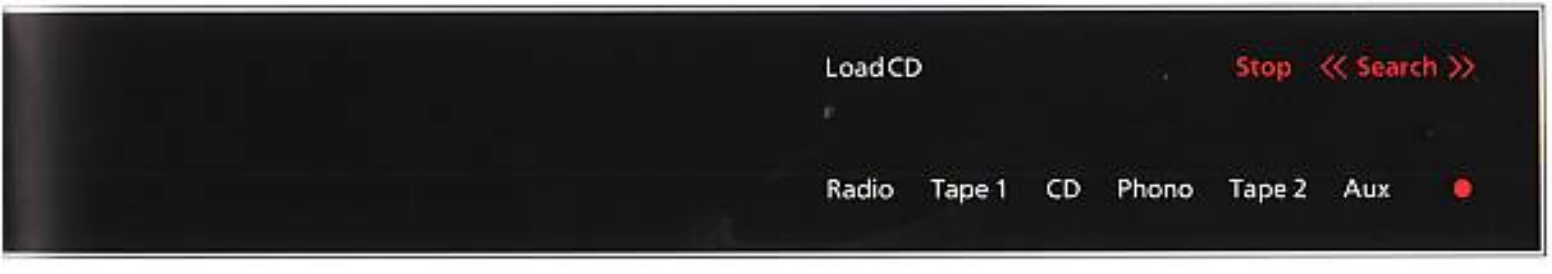
Stepping through the record

You can move backwards or forwards through the record in approximately 8 mm (3/8") steps by pressing « or ».

When you press either button, the tonearm automatically lifts off the record and moves either backwards towards the start of the record, or forwards towards the end of the record.

Playing is then resumed automatically.

«	*Press repeatedly to step back to the music you want*
»	*Press repeatedly to step ahead to the music you want*



Setting the clock

If you want to use the time programming function, the 24 hour clock built into the Beosystem has to be set to the correct time.

The clock must be set while the Beosystem is in stand-by mode.

Programming	Gives access to the Clock control
Clock	Gives access to the number keys
0 - 9	*Key in the correct time*
Store	Sets the clock at the time indicated

Programming play or recording instructions

You can program the Beosystem to play or record any source you like at specific times within a 24 hour period or daily.

Programming must be done while the Beosystem is in stand-by mode.

Note: If you want the Beosystem to switch to stand-by at a specific time, you must programme a play instruction, using stand-by (●) as your source.

If you want the programme to recur every day, keep your finger on **Store** *until the display switches to showing the real time.*

Programming	Gives access to the Play and Record controls
Play or **Record**	*Press whichever is required*
CD *or* Radio, **2** > *for example*	*Select the source you want to play or record*
Clock	Gives access to the number keys
0 - 9	*Key in the time you want playing or recording to start*
Store	Accepts your programme

Checking or cancelling programmes

You can step through your programmes to check or cancel them.

The programmes will appear on the Display Panel in the order they have been entered, not in chronological order. You will first see the recording instructions and then the play instructions.

Programmes can only be checked or cancelled while the Beosystem is in stand-by mode.

Programming	Gives access to the Call control
Call	*Press repeatedly to step through the programmes, which can be read off on the Display Panel*

"?" on the right-hand side of the display indicates the end of the programmes.

Recurring time programmes are indicated by a "–" (dash) in front of the start time.

Clear	*Press when the programme you want to cancel is visible on the display*

"Timer"

The **Timer** cue on the Display Panel indicates that any programmed play instructions will be executed with the speakers cut in.

Once you press **Store** to memorize a play instruction, the **Timer** cue is automatically cut in.

You can cut out the speakers, if you wish, so that when the Beosystem starts playing at the specified time, the speakers will be muted.

Note: This function does not apply to the speakers connected to the SPEAKERS 2 sockets.

Timer	Cuts out speakers
	The Timer cue now disappears
	Press Timer to recall the Timer cue

Details worth knowing

- If you select Radio in a programme and fail to key in a specific number, or key in a vacant number, the Beosystem will default to the station to which you were last listening.

- If you want to exclude a specific day from an otherwise daily programme, you must instruct the Beosystem to switch to stand-by at the exact time when it would otherwise start playing.

- The Beosystem can accept up to 12 play programmes and 6 recording programmes in its memory.

- The Beosystem will not retain a programme in its memory once the instructions have been executed, with the exception of recurring daily programmes, which will of course remain in the memory until you choose to cancel them.

- If you happen to make a mistake or change your mind during a programming sequence, just discontinue the sequence and wait a few seconds until the controls disappear. Then start again.

- Programmed recording instructions will be executed with the loudspeakers muted, unless, of course, the Beosystem is already playing.